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**United States Patent** [19][11] **Patent Number:** **5,322,501****Mahmud-Durrani**[45] **Date of Patent:** **Jun. 21, 1994****[54] CONTINENT URETHRAL STENT FOR TREATING AND PREVENTING URETHRAL STRICTURE AFTER SURGERY****[76] Inventor:** Ayaz Mahmud-Durrani, 5003 Magnolia La., Bay City, Tex. 77414**[21] Appl. No.:** 955,450**[22] Filed:** Oct. 2, 1992**[51] Int. Cl.<sup>5</sup>** ..... A61M 5/00**[52] U.S. Cl.** ..... 604/8; 604/54; 604/281; 606/108**[58] Field of Search** ..... 604/8, 49, 54, 93, 104, 604/105, 280, 281; 606/108, 198**[56] References Cited****U.S. PATENT DOCUMENTS**

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5,221,253 6/1993 Coll ..... 604/8*Primary Examiner*—John D. Yasko*Assistant Examiner*—Frank Wilkens*Attorney, Agent, or Firm*—Mason, Fenwick & Lawrence**[57] ABSTRACT**

Disclosed is an apparatus and method for treating and preventing urethral stricture following surgery. The apparatus comprises a hollow cylindrical stent having a normally-expanded, contractible locating member attached at one end and a retrieving string attached at the other end. The contractible locating member is attached to the tube by two flexible strings. The contractible locating member is adjusted to its contracted condition by a cylindrical pusher prior to insertion into the bladder through the urethra. Once the contractible locating member is located in the bladder, the pusher is removed to permit the contractible locating member to return to its normally-expanded condition to provide an anchor in the bladder neck. The two strings connecting the stent and the contractible locating member are placed in the prostate and external sphincter, allowing the patient to remain continent. After healing is completed, the assembly can be retrieved by pulling the retrieving string.

**20 Claims, 1 Drawing Sheet**